

CLAIMS

1 1. A method of accessing information comprising:  
2 *sub* processing a query and a wireless identifier received  
3 from a wireless device;  
4 searching a collection of data for a set of results  
5 matching the query;  
6 selectively reducing the set of results to generate a  
7 subset of results;  
8 outputting a prose rendition of the query; and  
9 outputting the subset of results on the wireless device.

1 2. The method of claim 1 wherein processing the query  
2 comprises:  
3 parsing the query to generate a search fragment;  
4 substituting long form words for abbreviations contained  
5 in the search fragment in conjunction with an abbreviations  
6 dictionary; and  
7 adding context to the search fragment.

1 3. The method of claim 2 wherein adding context  
2 comprises extracting data from a web page from which the query  
3 was received.

1 4. The method of claim 2 wherein adding context  
2 comprises extracting data from a previously presented results  
3 page from which the query was received.

1        5.    The method of claim 1 wherein processing the query  
2 comprises:  
3        normalizing text of the query;  
4        parsing the text;  
5        associating long form words for abbreviations in  
6 conjunction with an abbreviations dictionary; and  
7        providing meaning to the text.

1        6.    The method of claim 5 wherein processing the query  
2 further comprises associating context with the text.

1        7.    The method of claim 1 wherein selectively reducing  
2 comprises:  
3        placing the set of results in a hierarchical data  
4 structure organized by taxonomy; and  
5        discarding results positioned at a lowest level of the  
6 hierarchical data structure.

1        8.    The method of claim 1 wherein outputting the prose  
2 rendition comprises:  
3        processing the query in conjunction with rules of  
4 grammar; and  
5        processing the query in conjunction with a prose  
6 configuration file.

1        9.    The method of claim 1 wherein outputting of the  
2 subset comprises placing the subset in a table.

1        10. The method of claim 9 further comprising customizing  
2 the table to the wireless device.

1        11 The method of claim 10 wherein customizing the table  
2 to the wireless device comprises:

3        loading a wireless style sheet database;

4        locating a style sheet that matches the wireless  
5 identifier in the style sheet database; and

6        reducing the length and width of the table in accordance  
7 with the style sheet.

1  
2        12. The method of claim 11 wherein reducing further  
3 comprises subdividing the table into a plurality of smaller  
4 tables.

1        13. The method of claim 10 wherein customizing the table  
2 comprises:

3        loading an abbreviations dictionary; and

4        replacing long form words in the table with corresponding  
5 abbreviations in the abbreviations database.

1        14. A method of accessing information from a wireless  
2 device comprising:

3        processing a query and a wireless identifier received  
4 from the wireless device;

5        searching a collection of data for a set of results  
6 matching the query;

7 selectively reducing the set of results to generate a  
8 subset of results; and  
9 outputting the subset of results on the wireless device  
10 according to a style sheet.

1 15. The method of claim 14 wherein the query is a  
2 combination of text, sentence fragments and abbreviated words.

1 16. The method of claim 14 wherein the query is text.

1 17. The method of claim 14 wherein the query is sentence  
2 fragments.

1 18. The method of claim 14 wherein the query is  
2 abbreviated words.

1 19. The method of claim 14 wherein the query is speech.

1 20. The method of claim 14 wherein processing the query  
2 comprises:

3 parsing the query to generate a search fragment;  
4 substituting long form words for abbreviations contained  
5 in the search fragment in conjunction with an abbreviations  
6 dictionary; and  
7 adding context to the search fragment.

1 21. The method of claim 20 wherein adding context  
2 comprises extracting data from a web page from which the query  
3 was received.

1        22. The method of claim 20 wherein adding context  
2 comprises extracting data from a previously presented results  
3 page from which the query was received.

1        23. The method of claim 12 wherein processing the query  
2 comprises:  
3        normalizing text of the query;  
4        parsing the text;  
5        associating long form words for abbreviations in  
6 conjunction with an abbreviations dictionary; and  
7        providing meaning to the text.

1        24. The method of claim 23 wherein Processing the query  
2 further comprises associating context with the text.

1        25. The method of claim 14 wherein selectively reducing  
2 comprises:  
3        placing the set of results in a hierarchical data  
4 structure organized by taxonomy; and  
5        discarding results positioned at a lowest level of the  
6 hierarchical data structure.

1        26. The method of claim 14 wherein outputting the subset  
2 comprises:  
3        placing the subset in a table; and  
4        reducing the length and width of the table in accordance  
5 with a style sheet.

1        27. The method of claim 26 wherein reducing further  
2 comprises dividing the table into a plurality of smaller  
3 tables.

1        28. The method of claim 14 wherein outputting the subset  
2 comprises replacing long form words in the table with  
3 corresponding abbreviations in an abbreviations database.

1        29. A computer program, residing on a computer-readable  
2 medium, including instructions for causing a computer to:  
3        process a query and a wireless identifier received from a  
4 wireless device;

5        search a collection of data for a set of results matching  
6 the query;

7        selectively reduce the set of results to generate a  
8 subset of results;

9        output a prose rendition of the query; and  
10       output the subset of results on the wireless device.

1        30. A computer program, residing on a computer-readable  
2 medium, including instructions for causing a computer to:  
3        process a query and a wireless identifier received from a  
4 wireless device;

5        search a collection of data for a set of results matching  
6 the query;

7        selectively reduce the set of results to generate a  
8 subset of results; and

9        output the subset of results on the wireless device  
10 according to a style sheet.